

REMARKS/ARGUMENTS

Amendments

The claims are modified in the amendment. More specifically, claims 1, 2, 7, 10, 11, 19, 26, 28, 29, 30 have been amended. Therefore, claims 1-8, 10-12, 14-17, 19, 21, 22, 24-35 are present for examination. Claims 1, 10, 19, 29 and 30 are the independent claims. No new matter is added by these amendments, which are fully supported by the Specification. Applicants respectfully request reconsideration of this application as amended.

35 U.S.C. §102 & 103 Rejections

The Final Office Action dated May 20, 2005 rejected claims 1-5, 7, 9-15, 18, 29, and 30 under 35 U.S.C. §102 as being anticipated by U.S. Patent No. 6,338,160 to Patel et al. (hereinafter "Patel"). That Office Action rejected claims 19, 20, 24, 26 and 28 under 35 U.S.C. §102(e) as being anticipated by the cited portions of U.S. Patent No. 6,366,999 to Drabenstott et al. (hereinafter "Drabenstott"). Next, the Office Action rejected claims 6 and 16 under 35 U.S.C. §103(a) as being unpatentable over Patel. The Office Action then rejected claims 21 and 23 under 35 U.S.C. §103(a) as being unpatentable over Drabenstott in view of Patel. Lastly, the Office Action has rejected claim 25 under 35 U.S.C. §103(a) as being unpatentable over Drabenstott. An After Final Amendment was filed June 20, 2005, to address these rejections. In an Advisory Action mailed July 5, 2005, the Office found the arguments did not place the Application in condition for allowance.

The new amendments are made to more clearly recite the claimed embodiments. Neither Patel nor Drabenstott teach or suggest the following amendments:

- 1) a *dedicated* program counter in a *general purpose* register, and a second one of the general purpose registers *hardwired to a set value* (Support in Original Application, page 12, line 29 - page 14, line 21);
- 2) a processing *core* fabricated on a *single silicon die* (support in Original Application, page 4, lines 11-13; page 22, lines 3-4); or
- 3) the at least one *register file* holding a program counter in the general purpose register may be *accessed* by at least two of the processing paths (page 7, lines 31-33)

Each of the above limitations were incorporated into independent claim 30, with various subsets of that combination of limitations incorporated into the other independent claims.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes an additional telephone conference would expedite prosecution of this application, please telephone the undersigned at 303-571-4000.

Respectfully submitted,



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